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# NOTES:

- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY  
F/N 12: 1  
F/N 15: 2  
F/N 17: 1  
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED

3  
B7

DETAIL B

5  
B6

DETAIL D

4  
B7

DETAIL C

DETAIL A

2  
B7

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
LAST PROTOTYPE REVISION: PR2			
N/C	INITIAL RELEASE	01-26-12	P. BRAVO
A	INCORPORATED ECN 03444, 03489	04-17-12	P. BRAVO
B	INCORPORATED ECN 03527	05-29-12	P. BRAVO
C	INCORPORATED ECN 03732, 03885, 04486, 05503	07-28-16	P. BRAVO
D	INCORPORATED ECN 05731	04-04-17	P. BRAVO
E	INCORPORATED ECN 05818	08-02-17	P. BRAVO

	2	45	601.1125	RIVET	MS20470AD5-11	
		45		DELETED		
		43		DELETED		
	23	42	601.1773	RIVET	MS20470AD4-3	
	12	41	601.1616	RIVET	MS20426AD3-5	
	6	40	601.1900	NUTPLATE	MS21059-3	
	1	39	601.3209	LOCKNUT	MS21042L4	
	25	38	601.1624	LOCKNUT	MS21042L3	
	9	37	601.1541	LOCKNUT	MS21042L08	
	2	36	601.3008	INSERT	NAS1834C-300	
	2	35	601.3468	INSERT	NAS1832-4-7	
	8	34	601.3459	INSERT	NAS1832-3-7	
		33		DELETED		
	13	32	601.4061	SCREW	91420A230	DIN965
		31		DELETED		
	24	30	601.1183	CHERRY RIVET	CR3213-4-05	
		29		DELETED		
	8	28	601.2020	CHERRY RIVET	CR3213-5-03	
		27		DELETED	NAS1097AD-4-3	
	2	26	601.2669	BOLT	AN4C7A	
	4	25	601.3555	BOLT	AN4C5A	
	8	24	601.0788	BOLT	AN3C12A	
	1	23	649.5112	WIPER DEFLECTOR		
	1	22	649.5111	WIPER DEFLECTOR		
	2	21	649.5110	WIPER DEFLECTOR		
	8	20	647.9014	STRUT BRACKET		
	4	19	646.9910	STRUT		
	3	18	649.4815	SHIM		
	3	17	649.4812	SHIM		4
	2	16	649.5213	DOUBLER		
	4	15	649.4813	SHIM		4
	1	14	649.5211	SHIM		
	2	13	601.3493	QUICK RELEASE PIN		4
	3	12	649.4816	DOUBLER		4
	2	11	649.4814	DOUBLER		
	2	10	649.5210	DOUBLER		
	1	9	649.5011	DEFLECTOR		
	2	8	649.5013	DEFLECTOR		
	2	7	649.5012	DEFLECTOR		
	1	6	649.4811	CLIP		
	1	5	649.5212	BRACKET		
	1	4	649.5214	BRACKET		
	1	3	649.5010	DEFLECTOR		
	1	2	649.4901	UPPER CUTTER ASSY		
	1	1	649.4902	LOWER CUTTER ASSY		
			649.4701	A119 CABLE CUTTERS KIT		
	4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

	4	77	601.4085	RIVET	NAS9303B-5-03	
	4	76	601.3322	RIVET	MS20426AD4	
	16	75	601.4084	RIVNUT	NAS1330S08KB106	
	2	74	649.4819	SHIM		
	1	73	649.4818	SHIM		
	32	72	601.1983	NUTPLATE RIVET	MS20426AD3	
	20	71	601.4083	NUTPLATE	MS21069L08	
	48	70	601.1869	WASHER	NAS1149CN832R	
	12	69	601.2988	SCREW	MS27039-0813	
	20	68	601.2765	SCREW	MS27039-0819	
	4	67	649.4817	SHIM		5
	16	66	601.3151	WASHER	NAS1149F0363P	
		65		DELETED		
		64		DELETED		
	1	63	600.1012	SEALANT	PR-1425 CLAS B	
	1	62	601.2045	RTV	LOCTITE 598	4
	8	61	601.2381	WASHER	NAS620C-10L	
	8	60	601.2638	WASHER	NAS1149F0432P	
	18	59	601.2764	WASHER	NAS1149FN832P	
	53	58	601.1607	WASHER	NAS1149F0332P	
	2	57	601.3470	WASHER	AN970-3	
	6	56	601.1365	SCREW	MS27039-1-10	
	4	55	601.1621	SCREW	MS27039-1-08	
	2	54	601.3289	SCREW	MS27039-1-25	
	6	53	601.2765	SCREW	MS27039-0819	
	13	52	601.3190	SCREW	MS27039-1-13	
	3	51	601.3124	SCREW	MS27039-0824	
	4	50	601.1622	SCREW	MS27039-1-14	
	4	49	601.2910	SCREW	MS27039-1-18	
	1	48	601.3252	SCREW	MS2469S58	
		47		DELETED		
	2	46	601.3146	SCREW	MS24694C57	
	4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY

NEXT ASSY (S)

ORIGINAL DATE  
MO-DA-YR 04-17-2012  
DRAWN BY  
S. COCHRAN  
CHECKER  
P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
04-17-2012  
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.010  
3 PLACE DECIMALS ±.005  
ANGLES ±.5°

**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
DBA DART AEROSPACE

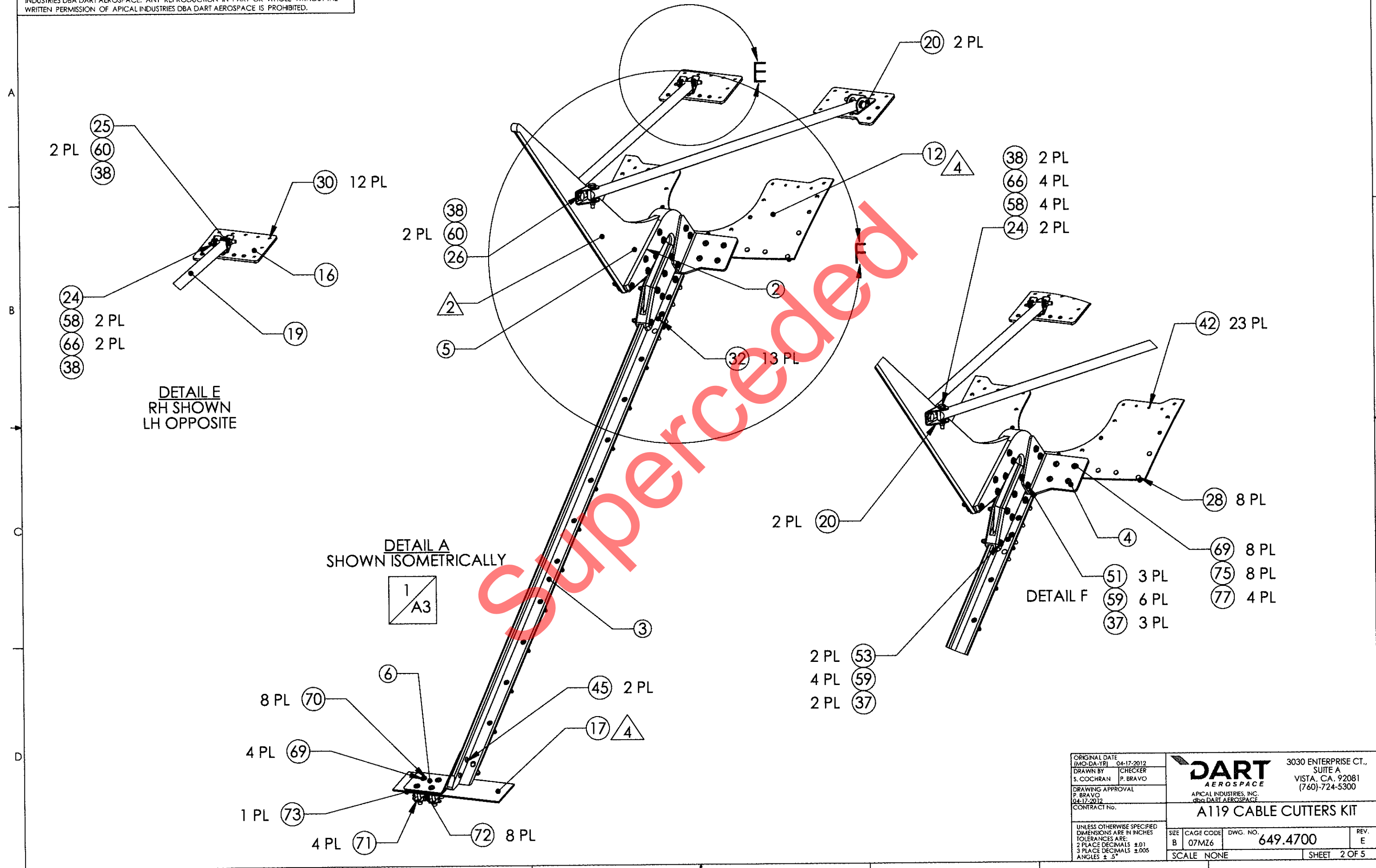
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

A119 CABLE CUTTERS KIT

SIZE B CAGE CODE 07M26 DWG. NO. 649.4700

SCALE NONE SHEET 1 OF 5

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ORIGINAL DATE (MO-DA-YR) 04-17-2012		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO	<b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO	04-17-2012		
CONTRACT No.		A119 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. E
		CAGE CODE 07MZ6	DWG. NO. 649.4700
		SCALE NONE	SHEET 2 OF 5

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A

B

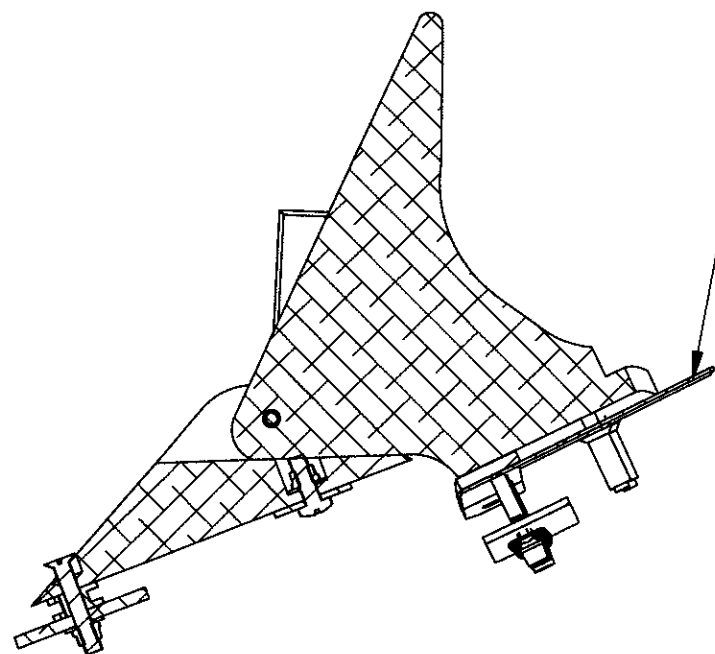
C

D

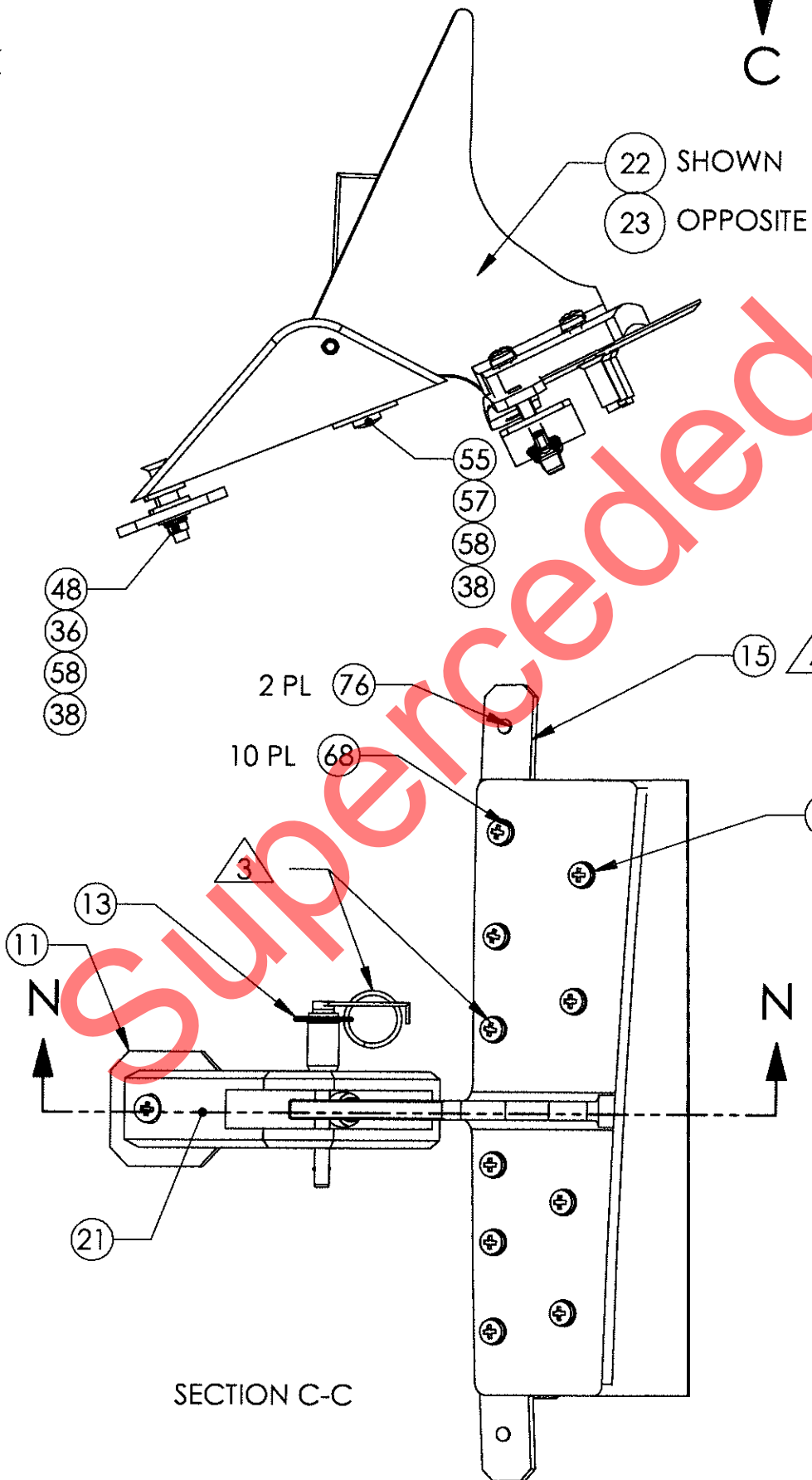
C

C

8

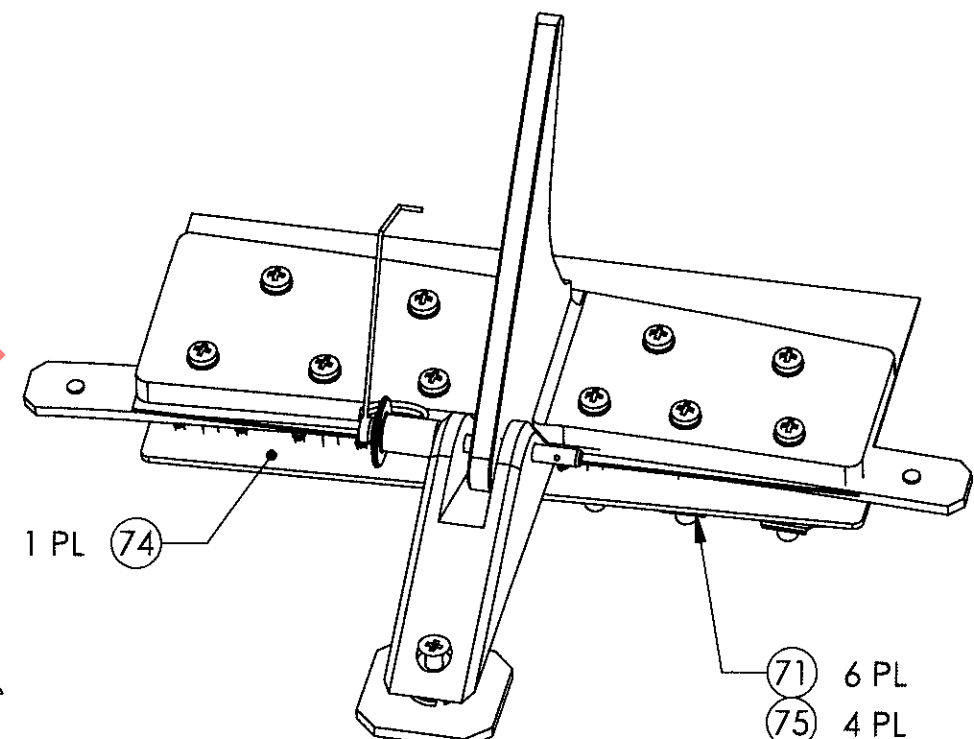


SECTION N-N



SECTION C-C

22 SHOWN  
23 OPPOSITE

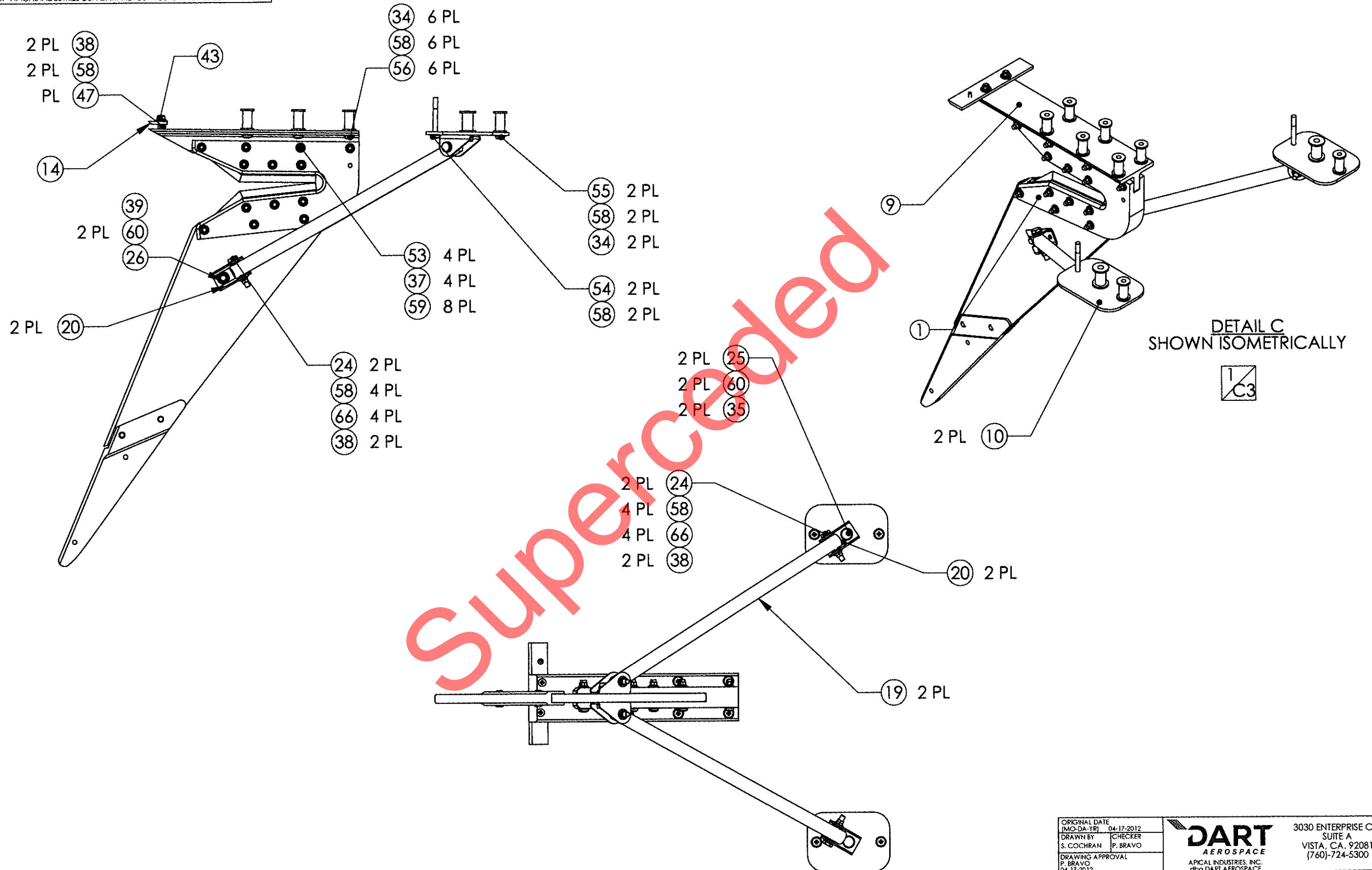


DETAIL B  
SHOWN ISOMETRICALLY  
RH SHOWN  
LH OPPOSITE

1  
B2

ORIGINAL DATE (MO-DA-YR) 04-17-2012	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO 04-17-2012		
CONTRACT No.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		
SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4700
SCALE NONE		REV. E
SHEET 3 OF 5		

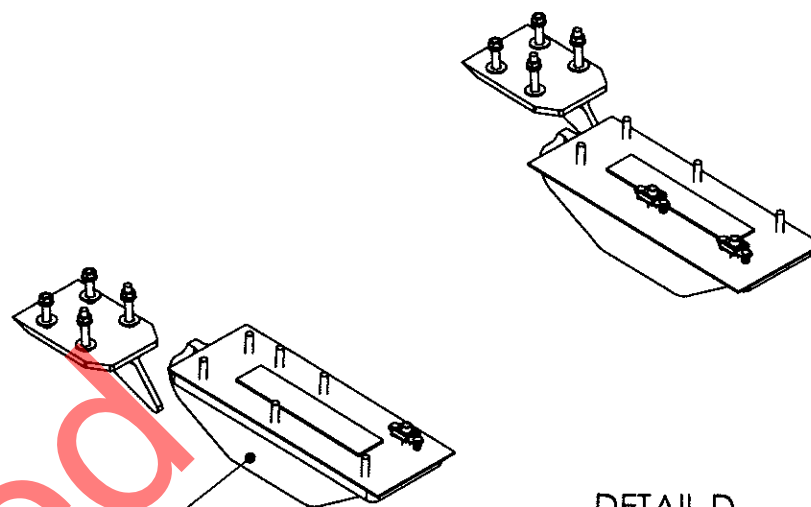
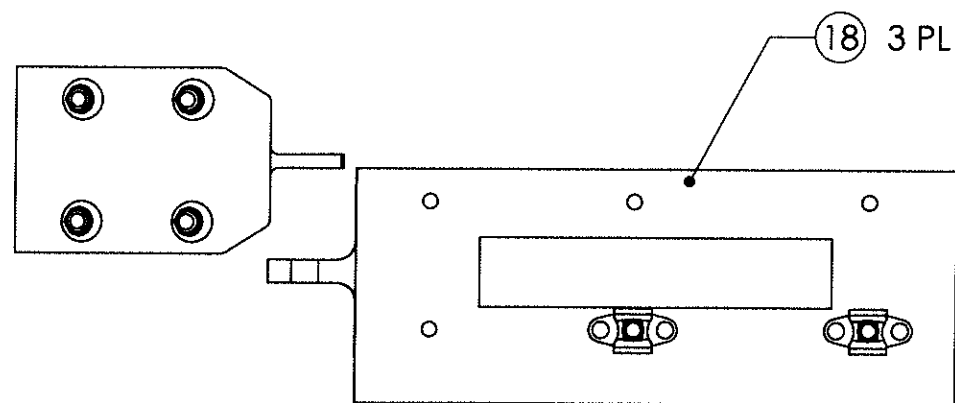
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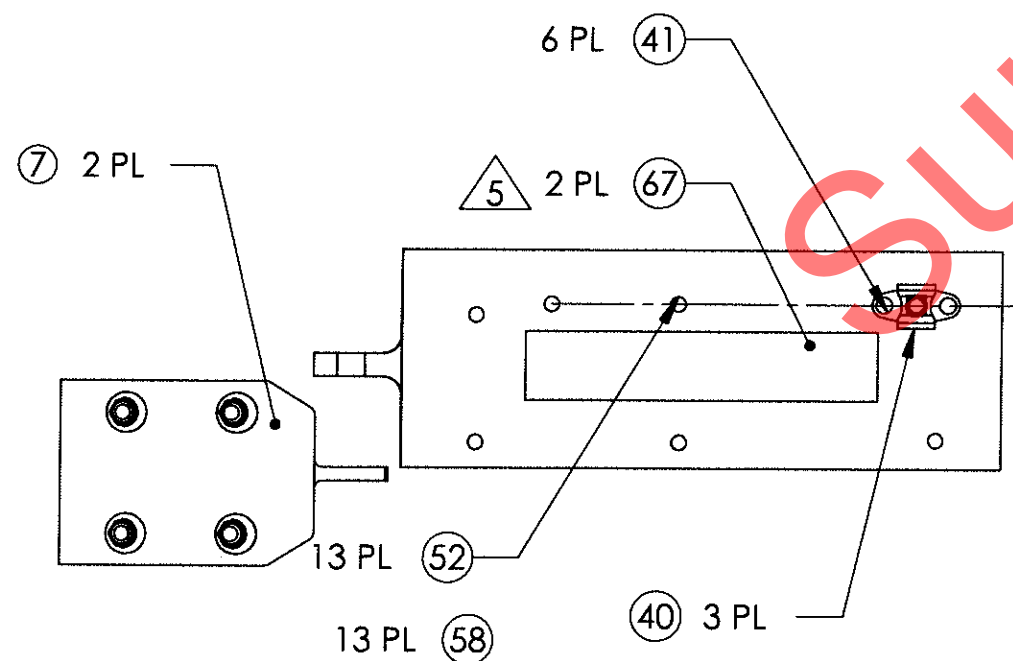
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DRAWING APPROVAL P. BRAVO 04-17-2012		<b>A119 CABLE CUTTERS KIT</b>	
CONTRACT No.		SIZE B	REV. E
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		SCALE NONE	SHEET 4 OF 5



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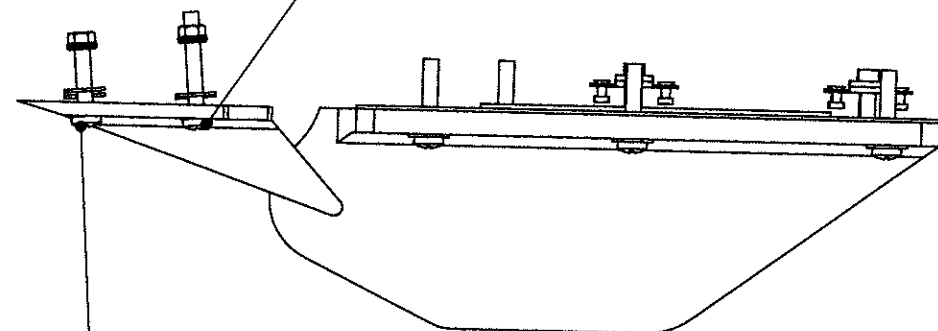


DETAIL D  
SHOWN ISOMETRICALLY



- (38) 4 PL
- (58) 4 PL
- (61) 4 PL
- (45) 2 PL

- (50) 4 PL
- (61) 4 PL
- (58) 4 PL
- (38) 4 PL



ORIGINAL DATE (MO-DA-YR) 04-17-2012	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300
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DRAWING APPROVAL P. BRAVO 04-17-2012	CONTRACT No.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	SEE CAGE CODE B 07MZ6
DWG. NO. 649.4700	REV. E
SCALE NONE	SHEET 5 OF 5

Superseded